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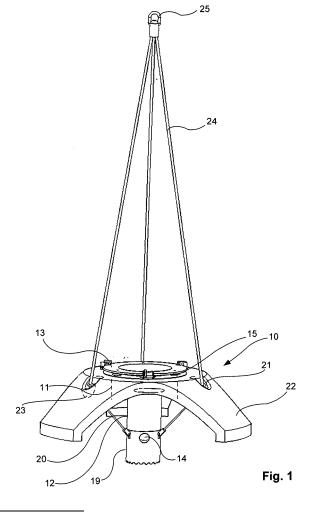
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(54) Sensor arrangement and method for the installation and moving of this

Arrangement for use for seismic surveys of geological formations in a seabed, where a plurality of such arrangements, which are provided with sensor units 26, are placed on the seabed for collecting pressure waves and shear waves reflected from the geological formations. There exist arrangements for transferring seismic data to a surface receiver placed on a vessel, an offshore installation, or an onshore installation. Each sensor unit 26 is held by a carrier 10 and is connected to a cylindrically skirt-shaped structure 19 adapted to be led down into the seabed, and each sensor unit 26 comprises at least one geophone. The carrier 10 comprises a holder 12 for the cylindrically skirt-shaped structure 19, which structure 19 shall penetrate down into the seabed, as this holder 12 is adapted to be moved between a lower position and an upper position, to be able to be mechanically released from the skirt-shaped structure 19.





EUROPEAN SEARCH REPORT

Application Number EP 05 25 8040

	Citation of document with in	ERED TO BE RELEVANT Indication, where appropriate,	Relevant	CLASSIFICATION OF THE	
Category	of relevant pass		to claim	CLASSIFICATION OF THE APPLICATION (IPC)	
X A	AL) 7 May 1985 (198 * column 3, line 60	ER KENNETH R [US] ET 5-05-07) - column 4, line 2 * - column 5, line 10 *	10-11 1-9, 12-13	INV. G01V1/38	
A	•	 OHO PAUL L [US] ET AL) 993-02-23) - line 62 *	1-13		
A	EP 0 175 536 A2 (VA 26 March 1986 (1986 * abstract *	LLALLY CECIL OSBERNE) -03-26)	1		
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				TECHNICAL FIELDS SEARCHED (IPC)	
				G01V	
	The present search report has I	peen drawn up for all claims	1		
Place of search Date of completion of the search				Examiner	
The Hague		25 January 2010	Swa	artjes, Harrie	
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background		E : earlier patent doc after the filing dat D : document cited in L : document cited fo	T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document oited in the application L: document oited for other reasons &: member of the same patent family, corresponding		

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 05 25 8040

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